

18. (Amended) The system of claim 1 in which the display panel includes color-component sub-pixels that are arranged in vertical columns for each color component and the system further comprises a microlens array positioned adjacent the display panel, wherein the each microlens is aligned with and delivers light to a triplet of color-component sub-pixels that are positioned among two adjacent horizontal rows.

19. (Amended) A color electronic display projector, comprising:
an illumination system that provides fixed, color-separated illumination of color-component sub-pixels in a pixellated electronic display panel; and
a post-display panel dynamic displacement element that dynamically moves to displace alignment of the color-component sub-pixels generated by the display panel.

27. (Amended) The projector of claim 26 in which the rotating element includes a birefringent element with a selected polarization direction.

28. (Amended) The projector of claim 26 in which the rotating element includes a plural refractive segments having different inclination orientations.

29. (Amended) The projector of claim 19 in which the post-display dynamic displacement element includes a pair of face-to-face refractive elements with a separation between them that is modified to successively direct the color-component sub-pixels generated by the display panel along different optical paths.

33. (Amended) A color display method, comprising:
illuminating color-component sub-pixels in a pixellated electronic display panel with color-separated, fixed color components; and

34. (Amended) The method of claim 33 further comprising angularly color separating incident multi-color illumination light to provide the color-separated, fixed color components.

36. (Amended) The method of claim 35 further comprising successively directing the color-component sub-pixels through different segments of a rotating light displacement panel.

37. (Amended) The method of claim 33 in which the display panel includes color-component sub-pixels that are arranged in vertical columns for each color component and dynamically aligning the color-component sub-pixels after the display panel includes displacing selected color components laterally.

38. (Amended) The method of claim 33 in which the color-component sub-pixels of a pixel are arranged on the display panel in adjacent rows and dynamically aligning the color-component sub-pixels after the display panel includes displacing selected color components in transverse directions.

39. (Amended) In a color display system with plural pixellated electronic display panels that each receive illumination of a different color component of light and a combiner that combines color component light images formed by the plural pixellated electronic display panels, the improvement comprising:

a post-combiner dynamic displacement element that displaces alignment of the color-component sub-pixels generated by the plural pixellated electronic display panels to form a resolution-enhanced display image.

Remarks

Claims 1-39 are in the application. Reconsideration is requested.

The drawings are objected to under 37 CFR 1.83(a). The Examiner notes that drawings must show every feature of the invention specified in the claims and cites various features as not being shown in the drawings. Applicants respond as follows.

With regard to claim 11, Fig. 18 shows the dynamic displacement element having a pair of face-to-face refractive elements. As stated at paragraph 85:

Figs. 18-22 are diagrammatic illustrations of dynamic post-display pixel element alignment systems or "wobblers." Fig. 18 shows two prism arrays 250 and 252 with two piezoelectric actuator stacks 254 and 256 and a voltage waveform that is applied to